



Solid Waste Update

Volume 2; Number I

September 1998

Director's Corner

By Bill Bider

Welcome Back to *Solid Waste Update*

If you have been involved in solid waste management in Kansas for at least a few years, you may remember our *Solid Waste Update* newsletter. During the turbulent times of 1993 to 1995 when we were all reassessing how solid waste should be managed in Kansas, several copies of the first version of *Solid Waste Update* were distributed. The newsletter was discontinued as the "hot" issues died down and as many major state and local decisions were made.

Despite having reached a period of relative calm in 1998, there continues to be a need for regular communication between KDHE and the representatives of

our cities, counties, and businesses who plan and operate solid waste facilities across the state. For example, you may need to know about: (1) new regulations that are being considered or drafted; (2) upcoming meetings, conferences, or workshops; (3) new technical requirements related to facility operations; and, (4) the availability of state solid waste grants. This newsletter will bring you this type of information and other facts to help you perform your job more effectively. Newsletter articles will usually be brief and cover a variety of subjects. More detailed information can be obtained by contacting KDHE staff.

We intend to publish *Solid Waste Update* semiannually, perhaps more often to address urgent needs or special issues. Its purpose is to keep you informed and maintain good communications. If there are subjects you would like to see covered or if you have any comments about the newsletter, please call, write, or send us an e-mail. We hope you find the newsletter interesting and helpful.

Round #6 Takes Grant Awards Near \$5.6M

By Cathy Colglazier



In July 1998, Governor Bill Graves announced that KDHE had awarded \$1 million to the grant recipients of Round #6 of the Competitive Plan Implementation Grant Program. This grant program provides funding for the development and operation of recycling, source reduction, waste minimization, and solid waste management education programs. "By encouraging recycling, composting and environmental education, we can help ensure a bright future for Kansas both in terms of environmental quality and economic prosperity," Governor Graves said.

In 1995 the Governor established a seven member Solid Waste Grants Advisory Committee that prioritizes projects and makes recommendations on selection and disbursement. The Advisory Committee meets every six months to review each round of applications. Kansas counties, cities, solid waste management regions, and private entities may apply for these grants. Since the start of this program, approximately \$5.6 million has been awarded to 127 projects. Some examples of projects funded include the purchase of equipment for recycling and composting programs, construction at recycling centers, backyard compost bin distribution events, and public education brochures and newsletters. The application deadline for Round #7 is October 30, 1998. Grant workshops will be held in mid-September to assist with the application process. If you have questions about this grant program, project eligibility, or if you would like to be added to the mailing list for the workshops or the application form and guidelines, please contact Elizabeth Carreno at (785) 296-1026 or Cathy Colglazier at (785) 291-3510.

See related information on page 2

Solid Waste Update



Kansas Department of
Health & Environment

Prepared & Distributed by
The Bureau of Waste
Management

Direct inquiries and
opinions to:
KDHE - BW
Solid Waste Update
Building 740 - Forbes
Field
Topeka, KS 66620

For subscription
information;
Call: (785) 296-1600
Fax: (785) 296-8909

Summary of Solid Waste Grant Programs in Fiscal Year 1999 (awards made July 1, 1998 to June 30, 1999:

<i>Grant Program</i>	<i>Local Match Requirement</i>	<i>SFY 1999 Application Deadline Date</i>
Solid Waste Management Planning Grants	40%	May 15, 1998
Household Hazardous Waste (HHW) Grants	40%	May 15, 1998 *August 14, 1998 * December 11, 1998
Agricultural Waste Pesticide Grants	25%	May 15, 1998 *August 14, 1998 * December 11, 1998
Small Quantity Hazardous Waste Generator Grants (SQG)	25%	May 15, 1998 * August 14, 1998
Competitive Plan Implementation Grants Round #6 Round #7	25%	April 17, 1998 October 30, 1998

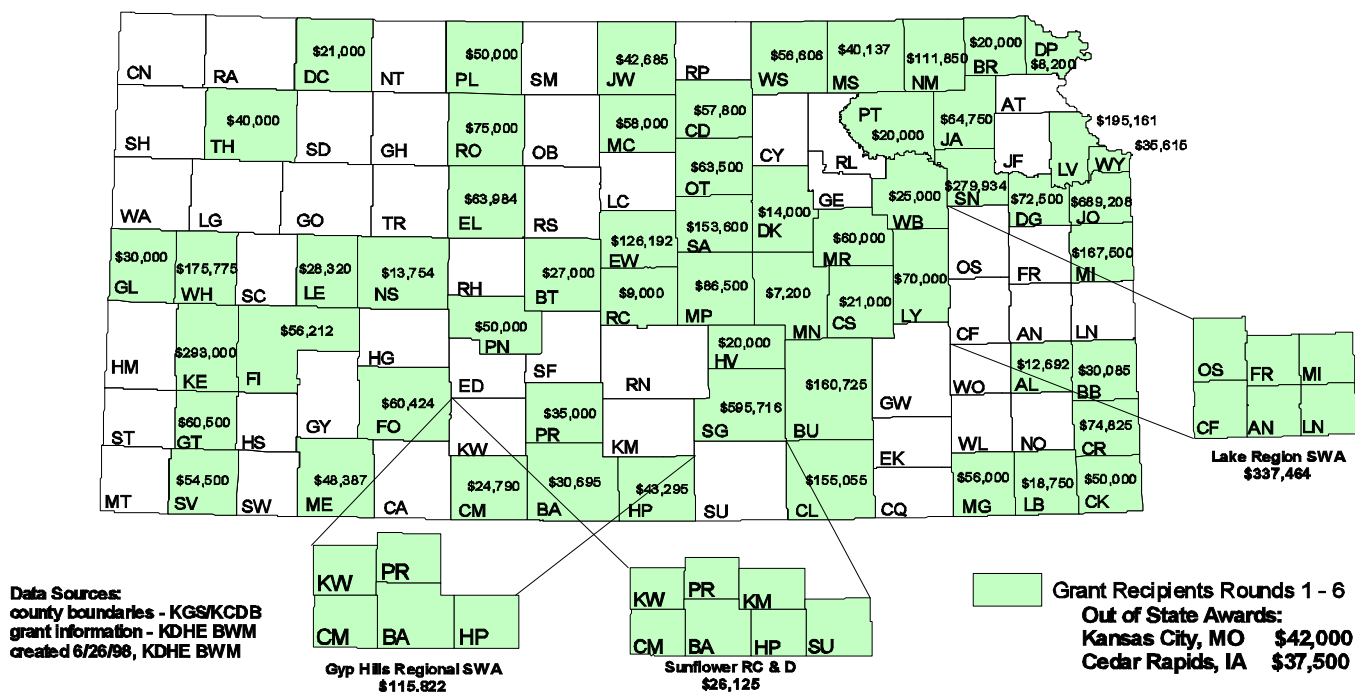
*Subject to availability of funds.

The only remaining grant program in State Fiscal Year 1999 is Round #7 of the Competitive Plan Implementation Grant Program. Questions about the grant programs or the availability of grant funds can be directed to the Bureau of Waste Management at (785) 296-1600.

The following map illustrates the total grant amount awarded per county (or region) in Rounds 1 - 6 of the Competitive Plan Implementation Grants.

Solid Waste Management Plan Implementation Grants

Total Awards for Rounds 1 - 6 = \$5,570,333



Waste Tire Cleanup Keeps Rolling

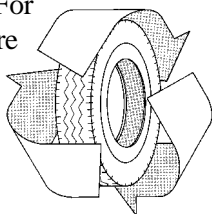
By Marty Burke

Over half a million tires have been cleaned up under a statewide program to get rid of old waste tire piles. The program is scheduled to run until July 1, 2001 when responsibility for waste tire management shifts to Kansas counties. Inventories have identified about 700,000 additional tires which are being scheduled for cleanup. To be eligible for the program, waste tires must have been generated prior to July 1, 1990 (pre-law) when state laws on tire management laws went into effect.

In addition to cleaning up tire piles, Kansas law provides for a single waste tire amnesty event for each county. Amnesty events are intended to provide one last opportunity for Kansas residents to clean out their garages, barns and back lots of unwanted tires. A maximum of 100 tires per household will be accepted during amnesty collections. Amnesty events are not restricted to pre-law tires. A total of thirty-nine counties have applied for amnesty events which will begin after inventoried tire piles have been cleaned up. As the program moves forward, additional amnesty event applications will be offered.

The statewide waste tire clean up and amnesty programs are funded by a \$.50 excise tax on the sale of new tires. The excise tax generates about \$1.3 million a year. Kansas residents currently produce around 2.4 million waste tires each year. Tire dealers and other collectors of waste tires are required to use transporters, processors or tire landfills permitted by the Department of Health and Environment for disposal. It is illegal to transport more than five tires or accumulate more than 1,000 tires without a permit. Nearly all Kansas waste tires ultimately find their way to special landfills called tire monofills with a small number shipped out of state for fuel or recycling.

The intent of the waste tire management program is to rid the state of old accumulations of waste tires and ensure new tires are properly managed. Under state law, the \$.50 excise tax will decrease by half on July 1, 2001. After that date, the state will no longer have authority to clean up waste tires but will continue to administer permits and enforcement grants. For information on the statewide waste tire cleanup or amnesty events contact: Marty Burke, Bureau of Waste Management, (785) 296-1611.



Kansas Don't

Spoil It!



Campaign Takes a Summer Break

By Kent Foerster

Stay tuned to your television and radio stations this fall, as the first public service announcements (PSAs) of the Kansas Don't Spoil It! (KDSI!) campaign will finally hit the air waves. You will continue to see billboards and articles and KDSI! PSAs in your local newspapers in the coming months carrying the current themes of anti-littering, recycling, composting, proper household hazardous waste management, pride in Kansas and Kansas communities, source reduction and proper solid waste management.

The first two years of this public awareness campaign has involved a traveling display, billboards, newspaper public service announcements and articles, and promotional items. Public education initiatives include the Kansas Don't Spoil It! DAY at the Kansas State Fair; the KDSI! School Activities Guide distributed to all public and private primary schools, and the Kansas Don't Spoil It! WEEK school program held in April.

Our clipping service files show that there have been hundreds of print ads and articles over the past two years. Feedback from our conference attendees and primary solid waste management constituents tell us that they want the program to continue.

Our two year contract with Corporate Communications Group, Inc. (CCG) expired this summer. Before we go out to bid for another contract, the Wichita State University, Interdisciplinary Communication Research Institute will carry out a state-wide poll to assess the general public's knowledge, interest and perceived needs regarding solid waste management issues. This information will be combined with our feedback from other sources to help determine the focus of the next phase of the Kansas Don't Spoil It! campaign. The goal is to provide the most cost-effective and useful programing for insuring proper solid waste management in the long term. It is expected a new contract will be awarded in the fall and a new set of PSAs will be hitting the airwaves early next year.



Recycling & Composting . . . WORKS! 1999

By Kent Foerster

Mark your calendars now! The fifth annual Kansas Solid Waste Management Conference: *Recycling & Composting WORKS!* will be held March 16-18, 1999 on the Bethany College Campus in Lindsborg. Based on

feedback from this years conference, we are planning to continue the full day of training workshops on Tuesday, March 16, 1999 followed by the traditional day and a half conference format of general sessions and workshops on Wednesday and Thursday, March 17-18, 1999. Some of the training workshops will rely heavily on local and regional pro

gram staff for presentations. Major recycling market experts will be invited to provide up-to-date information to both the beginning and advanced workshops.

Success stories of local and regional programs, cooperative marketing, buy recycled products, and market development will be some of the featured topics. Some additions and changes to previous conferences include the addition of exhibition space for local Kansas recycling and composting programs to share their programs and the designation of a conference hotel (The Red Coach Inn in McPherson) with morning a

nd evening bus service to and from Lindsborg. There will be more networking and discussion opportunities. KRA will present their annual recycling awards during the Wednesday evening dinner at the Red Coach Inn.

Conference partners and KDHE staff will be meeting late in August to develop the agenda for the training workshops and conference.



Medical Waste Management Policy

By Joe Cronin

The BWM is developing a Medical Waste Management Policy statement to offer guidance on the proper handling and disposal of medical waste. EPA has published air pollution control regulations that may result in the closure of many hospital/medical/infectious waste incinerators. As health facilities close medical waste incinerators, an

increase in medical waste transported and disposed in the solid waste management system may result.

The date for compliance with the new air regulations is



anticipated to be January 1, 2000. The BWM is developing the policy statement now to help health facilities begin the planning process. The policy statement will be the first step in initiating the regulation writing process by BWM to modify the existing medical services waste regulation (K.A.R. 28-29-27). For further information contact Joe Cronin (785-296-1667).

FINANCIAL ASSURANCE

By Jim Gilliland

Owners and operators of solid waste facilities in Kansas are required by law to provide assurance that they can meet the cost of site closure. If the facility disposes of solid wastes, post-closure care is required. Accordingly, funding the cost of post-closure care activities is required for a period of 30 years after closure. Facility owners may select one or multiple mechanisms to provide financial assurance to the Bureau of Waste Management. They may use a trust fund, letter of credit, surety bond, insurance policy test. County or municipal owners or use their ad authority to financial



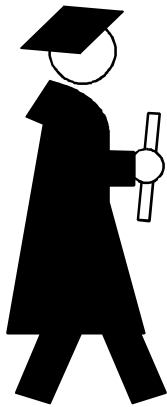
types of facilities except MSW landfills. Cost estimates are used to determine the amount of financial assurance to be demonstrated. Estimates are updated annually in the permit renewal process, and assurance mechanisms must also be updated to provide for the new amounts calculated. Cost estimates for closure and post-closure care vary from a low of less than \$5 thousand for a compost site to a high of \$33 million for a large landfill with ground water contamination.

Owners and operators have met their financial assurance responsibilities in the latest permit renewal cycle. For more information, contact Jim Gilliland, Bureau of Waste Management, Topeka, (785) 296-0680.

Technical Training for Operators of Solid Waste Management Facilities

By Dennis Degner

Training courses are being offered for operators of solid waste management facilities. Operators are encouraged to attend these training sessions which are provided at various locations and times throughout the state. All sessions are sponsored by KDHE. Training course registration forms with course information will be mailed out 2-4 months before each course is offered. Sharon Reed (KDHE) can provide additional information. Sharon can be reached by calling (785) 296-1617. If you do not receive registration forms or course announcements, please call Sharon.



Fall '98

Transfer Station Operators' Training
November 5, 1998, Emporia

Household Hazardous Waste Materials Handling-
24 Hours
Dates and Locations (likely 4 or 5) to be announced

Winter '99

Household Hazardous Waste Operations -
8 hour Refresher
February 9, 1999, Manhattan

Spring '99

Composting Operations and Recycling Operations
March 17, 1999, Lindsborg

Fall '99

Municipal Solid Waste Landfills - Advanced Operation
Small Arid Municipal Solid Waste Landfills
Date(s) and Location(s) to be announced

Kansas Measures Recycling Rate

By Christine Mennicke



As part of a nation-wide effort to standardize the calculation of recycling rates for municipal solid waste, Kansas served as one of several demonstration states implementing EPA's "Recycling Data Collection Model". Approximately 2000 surveys were sent out in the beginning of 1998, and as of August, BWM was still working on verifying and analyzing the information which was returned. The results will be distributed as soon as they are available.

Once the recycling rate has been established, the information can be used in the following ways:

- ! Set waste reduction or diversion goals and track progress toward attaining those goals;

- ! Identify trends in waste generation and recycling that could affect local, state or regional planning; and,

- ! Determine the viability and capacity of existing solid waste recycling and disposal facilities, including transfer stations and material recovery facilities.

If you have any questions about this project, please call Christine Mennicke at (785) 296-0724.



Have You Heard . . . ?

"It isn't pollution that's harming the environment. It's the impurities in our air and water that are doing it."

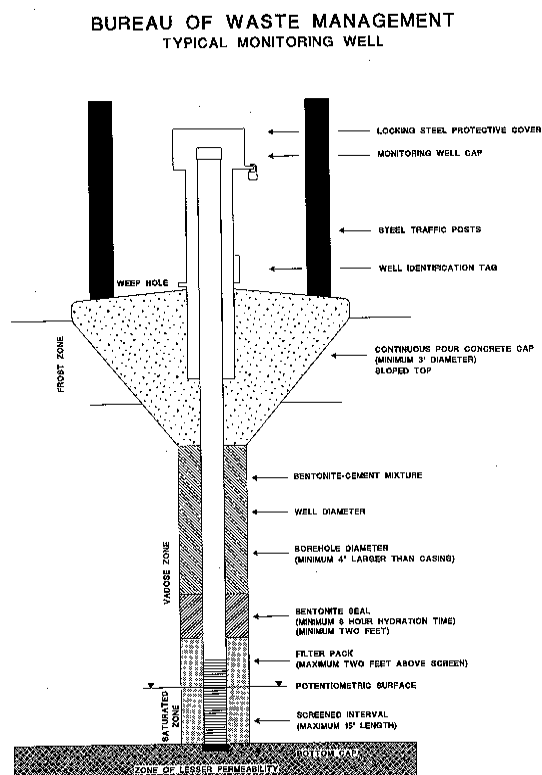
- - former Vice President Dan Quayle

"Waste not . . . want not." - - the voices of many.

"It is our task and our time and in our generation to hand down, undiminished to those who come after us, as was

handed down to us by those who came before, the natural wealth and beauty which is ours.”

- - President John F. Kennedy



Groundwater Monitoring Wells:

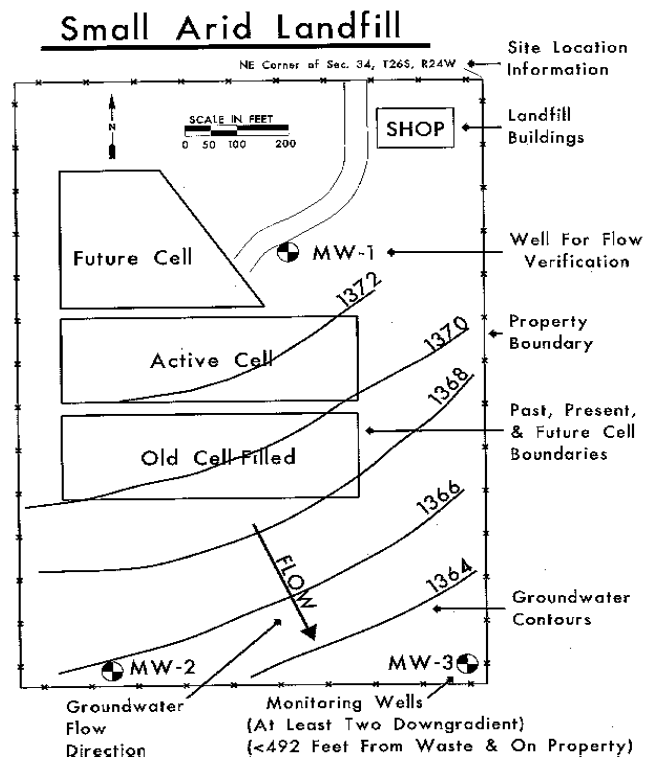
More than just a target for heavy machinery

By Mark Duncan

Groundwater is the major source of water in many regions, supplying a large proportion of water globally. In the USA, more than half the drinking water comes from the subsurface. In arid regions it is generally the only source of water. The availability of clean water is of fundamental importance in sustaining life, thus clean water is one of our most valuable natural resources. As part of our responsibility to future generations, we must all work to protect this resource. Unfortunately, as cities and towns grow and prosper, the strain placed on the groundwater by possible sources of contamination increases. Since 1991, over 30 landfills in Kansas have detected contamination above an MCL. MCLs are limits set by EPA on how much of a contaminant can be in drinking water. Groundwater monitoring systems are a commonplace means of detecting, analyzing and

monitoring groundwater pollution. By means of a network of monitoring wells drilled into subsurface aquifers, the locations of contaminants can be identified, tracked, and removed before reaching a drinking water intake.

KDHE has adopted regulations requiring all currently operating landfills to monitor the groundwater passing beneath areas of waste disposal. This monitoring must occur throughout the active life of the landfill and post-closure period. The location and number of wells required to adequately describe hydro-geological conditions will depend on the site-specific geology, soil and groundwater regime. Networks of wells are often developed in phases, with data reviewed at the end of each phase to determine if the geology of the site is being adequately defined. A groundwater monitoring well network should consist of a sufficient number of wells, installed at appropriate locations and depths, to yield samples that represent the quality of the ambient groundwater and leachate which has passed under or through the disposal area of the landfill. Groundwater monitoring programs should be designed and carried out by qualified personnel to ensure consistent representative sampling. All monitoring and sampling equipment must be operated and maintained to perform to design specifications for the duration of the monitoring program. Procedures for the sampling, analysis, and reporting of data from the monitoring well network is contained in the facility Sampling and Analysis Plan. Mark Duncan, with KDHE's Hydrogeologic Unit, can be reached at (785) 296-1614 for



further explanation or to answer any questions about groundwater monitoring.

Do You Have A Question? . . . Who Do You Call???

By Mary Bitney

If you have questions about achieving or maintaining compliance with solid waste regulations or permit conditions at your facility, there are two bureaus within the Division of Environment that can assist you. The Bureau of Environmental Field Services (BEFS) is responsible for inspecting your facility to determine its compliance status. BEFS consists of six district offices with a minimum of one solid waste inspector for each district. Since the district personnel are closely involved with all district solid waste activities, they are a good source for basic compliance information.

The Bureau of Waste Management (BWM) has more diverse roles. The Permits Section is responsible for reviewing solid waste facilities operating plans and issuing permits. The Technical Support Section evaluates groundwater monitoring systems and inspection reports and conducts formal enforcement actions as necessary. The Waste Policy, Planning and Outreach Section oversees the distribution of grant funding, maintains and distributes technical guidance documents, develops new regulations and manages the waste tire and household hazardous waste programs. Please refer to the following list of names and numbers for those people who can best answer your

questions.

Bureau of Waste Management - Solid Waste

Names & Numbers

<u>Name</u>	<u>e-Mail</u>	<u>Telephone</u>
Bill Bider, Director	wbider@kdhe.state.ks.us	(785) 296-1612
Dennis Degner, Section Chief (Permits)	ddegner@kdhe.state.ks.us	(785) 296-1601
Mary Bitney, Section Chief (Tech. Support)	mbitney@kdhe.state.ks.us	(785) 296-1603
John Mitchell, Section Chief (WPP&O)	jmitchel@kdhe.state.ks.us	(785) 296-1608
Jim Gilliland (Financial Assurance)		(785) 296-0680
Phil Rosewicz (Landfills)		(785) 296-1594
Joe Cronin (Processing & Special Wastes)		(785) 296-1667
Ron Smith (Compliance/Enforcement)	rsmith@kdhe.state.ks.us	(785) 296-1604
Mark Duncan (Hydro Unit)	mduncan@kdhe.state.ks.us	(785) 296-1614
Christine Mennicke(Policy, Regulations/Data)	cmennick@kdhe.state.ks.us	(785) 296-0724
Kent Foerster (Planning, Grants/Education)	kfoerste@kdhe.state.ks.us	(785) 296-1540
Beth Carreno (Implementation Grants)		(785) 296-1026
Marty Burke (Waste Tires)	mburke@kdhe.state.ks.us	(785) 296-1611
Cathy Colglazier (Grant Administrator)		(785) 296-3510
Cherie Cregut (SW Data)		(785) 296-1123
George McCaskill (Regulations/Policy)	gmcaski@kdhe.state.us	(785) 296-1606
Rick Burnett (District Office Administrator - NCDO)		(785) 827-9639
Julie Coleman (District Office Administrator - NEDO)		(785) 842-4600
Kenneth Brooks (District Office Administrator - NWDO)		(785) 625-5663
Mark Bradbury (District Office Administrator - SCDO)		(316) 337-6023
David Stutt (District Office Administrator - SEDO)		(316) 431-2390
Allen Guernsey (District Office Administrator - SWDO)		(316) 225-0596

**Kansas Department of Health & Environment
Bureau of Waste Management
Building 740, Forbes Field
Topeka, Kansas 66620-0001**

264-21

ADDRESS CORRECTION REQUESTED

Inside . . .

Director's Corner.....	1
Grant News	1 & 2
Waste Tires	3
Kansas Don't Spoil It ...	3
Recycling/Composting .	4
Financial	4
Medical Wastes	4
Training	5
Recycling Data	5
GW Monitoring	6
Contacts	7
HHW	8

HHW Regulations

By Christine Mennicke

The Bureau of Waste Management is currently in the process of developing regulations which will set permitting requirements, design standards, and operating standards for Household Hazardous Waste (HHW) facilities.

On May 12, 1998, a task force of hazardous waste contractors and city and county HHW managers met with representatives of KDHE to discuss issues involved in the operation and regulation of HHW facilities. KDHE drafted a new regulation based on information presented at the meeting. It is anticipated that the draft of this regulation will go to public hearing in late 1998 or early 1999. Adoption of the final regulation is possible in Spring 1999.

If you have any questions or would like a copy of the draft regulation, please contact George McCaskill at (785) 296-1606 or Christine Mennicke at (785) 296-0724.

